



COLLEGE OF MANAGEMENT AND ENTERPRISE IN WAŁBRZYCH

DIPLOMA SUPPLEMENT Valid with the Diploma Number 15408

1. INFORMATION ON THE GRADUATE

- 1.1. Surname: **Orlański**
- 1.2. Name: **Tomasz Jerzy**
- 1.3. Date of birth (day, month, year): **02.03.1984**
- 1.4. Student identification number: **18665**

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Academic degree: **Engineer**
- 2.2. Field of study and profile: **Management Engineering, Process Engineering, Practical Profile**
- 2.3. Name and status of the awarding institution: **College of Management and Enterprise in Wałbrzych**

College of Management and Enterprise in Wałbrzych is the largest non-public institution in the region, founded in 1996 by the School Foundation in Wałbrzych. By the decision of the Ministry of National Education and Sport dated August 12, 1996, it was entered into the register of higher education institutions under number 103. By the decision of the Minister of Science and Higher Education MNISW - DNS - WUN-6022 - 13428-4/EK/11 dated May 24, 2011, the Wałbrzych College of Management and Enterprise in Wałbrzych, was entered into the register of non-public higher education institutions and associations of non-public higher education institutions under sequential number 102. By the decision of the Minister of Science and Higher Education MNISW dated September 11, 2015, a change was made regarding the name of the institution from the previous "Wałbrzych College of Management and Enterprise" to "College of Management and Enterprise in Wałbrzych." The change of the institution's name took effect on October 1, 2015, based on the Rector's order No. 12/2015 dated July 30, 2015

- 2.4. Name and status of institution administering studies: **As in point 2.3**
- 2.5. Language(s) of instruction/examinations: **Polish**

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 Level of qualification: **PRK VI Full Qualification at Level Six of the Polish Qualifications Framework and European Qualifications Framework – first-cycle degree programme**
- 3.2 Duration of the degree programme according to the study programme: **7 semesters**
- 3.3: Admission requirements: **maturity certificate, the sequence of signing the agreement with the School**

4. INFORMATION ON THE CONTENTS AND RESULTS OBTAINED:

4.1. Form of study: **part-time studies**

4.2. Learning outcomes: **Resolution No. 66/2019 of the Senate of the College of Management and Enterprise in Walbrzych dated August 30, 2019 regarding the approval of the program and learning outcomes for the field of Management Engineering in first-cycle studies with engineering competencies in the non-stationary system with a practical profile for students starting their studies from the academic year 2019/2020.**

4.3. Details of graduate's course of study: courses studied, individual achievements, grades/ECTS credits obtained:

Year of commencing studies: **2020**

Year of completing studies: **2024**

Semester 1

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake.	com.
1	Basics of Business Informatics - lecture	2	10	---	4.0	---	---	---	---	---
2	Basics of Business Informatics - practice	---	---	10	5.0	---	---	---	---	---
3	Basics of Business Informatics - lab	---	---	10	credit	---	---	---	---	---
4	HSW (Health and Safety at Work) - lecture	---	5	---	credit	---	---	---	---	---
5	Study of Organization - practice	---	---	16	4.5	---	---	---	---	---
6	Microeconomics - practice	---	---	16	4.5	---	---	---	---	---
7	Microeconomics - lecture	5	16	---	4.0	---	---	---	---	---
8	Basics of Mathematics in Business - practice	---	---	20	4.5	---	---	---	---	---
9	Basics of Law in Economy -- lecture	4	12	---	5.0	---	---	---	---	---
10	Basics of Law in Economy - practice	---	---	12	4.0	---	---	---	---	---
11	Material Science - practice	---	---	11	5.0	---	---	---	---	---
12	Material Science - lecture	5	10	---	5.0	---	---	---	---	---
13	Introduction to Systems Engineering - lecture	1	12	---	5.0	---	---	---	---	---
14	English -- practice	1	---	18	---	---	---	5.0	---	---
15	Study of Organization - lecture	6	16	---	---	---	---	4.0	---	---
16	Basics of Mathematics in Business - lecture	6	20	---	---	---	---	3.0	---	---

Semester 2

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake.	com.	credit	retake	com.
1	Philosophy of Science - practice	---	---	10	5.0	---	---	---	---	---
2	Philosophy of Science - lecture	2	10	---	5.0	---	---	---	---	---
3	Basics of Management - practice	---	---	16	5.0	---	---	---	---	---
4	Finance - practice	---	---	15	3.0	---	---	---	---	---
5	Finance - lecture	4	12	---	3.5	---	---	---	---	---

6	Information Processes in Management - lecture	2	20	---	4.5	---	---	---	---	---
7	Marketing - practice	---	---	15	5.0	---	---	---	---	---
8	Marketing - lecture	4	15	---	5.0	---	---	---	---	---
9	Organizational Behaviour - practice	---	---	12	4.5	---	---	---	---	---
10	Organizational Behaviour - lecture	3	12	---	4.0	---	---	---	---	---
11	Basics of Design and Engineering Graphics - practice	---	---	16	4.0	---	---	---	---	---
12	Basics of Design and Engineering Graphics - lecture	4	16	---	4.0	---	---	---	---	---
13	Technical Block I: Machine Technology - lecture	2	16	---	4.5	---	---	---	---	---
14	Intellectual Property Protection - lecture	2	16	---	5.0	---	---	---	---	---
15	Foreign Language - practice	1	---	18	---	---	---	5.0	---	---
16	Basics of Management - lecture	6	16	---	---	---	---	4.5	---	---

Semester 3

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake	com.
1	Social Communication - lecture	2	20	---	5.0	---	---	---	---	---
2	Engineering Ethics - lecture	2	10	---	5.0	---	---	---	---	---
3	Engineering Ethics - practice	---	---	10	4.0	---	---	---	---	---
4	Mathematics II - lecture	3	10	---	4.0	---	---	---	---	---
5	Mathematics II - practice	---	---	20	3.0	---	---	---	---	---
6	Descriptive Statistics - practice	---	---	16	5.0	---	---	---	---	---
7	Management Information Systems - practice	---	---	10	5.0	---	---	---	---	---
8	Management Information Systems - lab	---	---	10	credit	---	---	---	---	---
9	Marketing Research - lecture	3	12	---	5.0	---	---	---	---	---
10	Marketing Research - practice	---	---	15	5.0	---	---	---	---	---
11	Technical Physics - lecture	5	12	---	4.0	---	---	---	---	---
12	Technical Physics - lab	---	---	20	4.0	---	---	---	---	---
13	Engineering Innovation and Entrepreneurship - lecture	4	12	---	5.0	---	---	---	---	---
14	Engineering Innovation and Entrepreneurship - practice	---	---	18	4.5	---	---	---	---	---
15	Technical Block II: Design of Production Systems	3	12	---	4.0	---	---	---	---	---
16	Technical Block II: Design of Production Systems - practice	---	---	12	4.0	---	---	---	---	---
17	English Language - practice	1	---	18	---	---	---	5.0	---	---
18	Descriptive Statistics - lecture	4	16	---	---	---	---	3.0	---	---
19	Management Information Systems - lecture	3	10	---	---	---	---	5.0	---	---

Semester 4

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake	com.
1	Corporate Social Responsibility - lecture	2	20	---	5.0	---	---	---	---	---
2	Professional Internship	14	---	520	credit	---	---	---	---	---
3	Social and Humanistic Aspects of Work - practice	---	---	10	5.0	---	---	---	---	---
4	Social and Humanistic Aspects of Work - lecture	2	10	---	5.0	---	---	---	---	---
5	Project Management - practice	---	---	16	4.5	---	---	---	---	---

6	Computer-Aided Design - practice	---	---	18	5.0	---	---	---	---	---
7	Technical Block III: Statistical Process Control - practice	---	---	12	4.0	---	---	---	---	---
8	Technical Block III: Statistical Process Control - lecture	3	12	---	4.0	---	---	---	---	---
9	English - practice	2	---	18	5.0	---	---	5.0	---	---
10	Project Management - lecture	3	12	---	---	---	---	4.5	---	---
11	Computer-Aided Design - lecture	4	12	---	---	---	---	4.0	---	---

Semester 5

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake	com.
1	Scientific Work Methodology	2	10	---	4.5	---	---	---	---	---
2	Corporate Finance Management - practice	---	---	16	3.0	---	---	---	---	---
3	Human Resource Management - practice	---	---	15	4.0	---	---	---	---	---
4	Quality Management - lecture	3	20	---	4.0	---	---	---	---	---
5	Process Management	3	12	---	3.0	---	---	---	---	---
6	Process Management - practice	---	---	14	5.0	---	---	---	---	---
7	Eco-Engineering in Enterprise Management - practice	---	---	20	5.0	---	---	---	---	---
8	Eco-Engineering in Enterprise Management - lecture	4	12	---	5.0	---	---	---	---	---
9	Methods of Modelling Managerial Processes - practice	---	---	16	5.0	---	---	---	---	---
10	Production Engineering - practice	---	---	12	4.0	---	---	---	---	---
11	Technical Block V: Computer Methods in Engineering Tasks - practice	---	---	12	5.0	---	---	---	---	---
12	Technical Block IV: Industrial Technologies/Design and Analysis of Manufacturing Systems - lecture	2	16	---	4.0	---	---	---	---	---
13	Scientific Work Methodology	---	---	10	---	---	---	4.5	---	---
14	Corporate Finance Management - lecture	3	12	---	---	---	---	3.5	---	---
15	Human Resource Management - lecture	3	15	---	---	---	---	5.0	---	---
16	Methods of Modelling Managerial Processes – lecture	4	16	---	---	---	---	4.0	---	---
17	Production Engineering - lecture	3	8	---	---	---	---	4.0	---	---
18	Technical Block V: Computer Methods in Engineering Tasks - lecture	3	12	---	---	---	---	5.0	---	---

Semester 6

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake	com.
1	Professional Internship	14	---	520	credit	---	---	---	---	---
2	Seminar	5	30	---	credit	---	---	---	---	---
3	Process Engineering - practice	---	---	16	4.5	---	---	---	---	---
4	Change and Project Management - practice	---	---	12	4.5	---	---	---	---	---
5	Change and Project Management - lecture	3	8	---	4.5	---	---	---	---	---
6	Integrated Product Policy in Enterprises - practice	---	---	10	4.0	---	---	---	---	---
7	Integrated Product Policy in Enterprises - lecture	3	10	---	4.0	---	---	---	---	---
8	Process Engineering - lecture	5	10	---	---	---	---	4.5	---	---

Semester 7

No.	Subject	ECTS	No of sem. hours		Credit (grades)			Exams (grades)		
			lecture	practice	pro.	retake	com.	credit	retake	com.
1	Seminar	5	30	---	5.0	---	---	---	---	---
2	Ergonomics and Occupational Safety - lecture	2	20	---	5.0	---	---	---	---	---
3	Production Management - practice	---	---	12	4.0	---	---	---	---	---
4	Technical Block VI: Information Systems Security Management - lab	---	---	12	5.0	---	---	---	---	---
5	Technical Block VI: Information Systems Security Management	3	8	---	4.5	---	---	---	---	---
6	Career Coaching - lecture	2	10	---	4.0	---	---	---	---	---
7	Career Coaching - practice	---	---	10	5.0	---	---	---	---	---
8	Integrated Quality Management Systems - lab	---	---	12	4.0	---	---	---	---	---
9	Process Management of Enterprise Resources - lecture	3	12	---	5.0	---	---	---	---	---
10	Process Management of Enterprise Resources - practice	---	8	16	5.0	---	---	---	---	---
11	Production Process Design	---	---	12	4.0	---	---	---	---	---
12	Production Process Design	2	8	---	4.0	---	---	---	---	---
13	Technical Block VIII: Contemporary Organizational Methods and Techniques/ Introduction to Risk Management - lecture	2	12	---	4.5	---	---	---	---	---
14	Technical Block VII: Engineering of Technical Safety	---	---	16	5.0	---	---	---	---	---
15	Production Management - lecture	3	8	---	---	---	---	4.0	---	---
16	Integrated Quality Management Systems - lecture	4	12	---	---	---	---	4.0	---	---
17	Technical Block VII: Engineering of Technical Safety - lecture	4	12	---	---	---	---	5.0	---	---

Title of diploma thesis:

CHANGES IN LOGISTICS PROCESS MANAGEMENT AND SUPPLY CHAINS AFTER BREXIT

Supervisor: **prof. Jacek Uziak**

Diploma thesis grade: plus **dobry**

The result of the diploma examination: **plus dobry**

4.4

Grading scale and – if available – grade distribution guidance:

Bardzo dobry [Polish equivalent of very good]	5.0
Plus dobry [Polish equivalent of good plus]	4.5
Dobry [Polish equivalent of good]	4.0
Plus dostateczny [Polish equivalent of satisfactory plus]	3.5
Dostateczny [Polish equivalent of satisfactory]	3.0
Niedostateczny [Polish equivalent of unsatisfactory].	2.0

The result of completing studies is reflected in the grade on the diploma. The basis for calculating the study result is:

a) The average grades obtained by the student throughout the studies recorded in the student's transcript.

b) The grade for the diploma thesis and the diploma examination.

The final result is calculated using the formula:

$$1/2x + 1/4y + 1/4z$$

where: x - the average grades from the studies, y - the grade for the diploma thesis, z - the grade from the diploma examination.

The average grades from the studies are calculated as the arithmetic mean of all grades obtained in individual subjects.

Principles for determining the final study result:

According to the study regulations:

- under 3.70 – dostateczny [Polish equivalent of satisfactory]
- from 3.71 to 3.90 - dostateczny plus [Polish equivalent of good plus]
- from 3.91 to 4.40 – dobry [Polish equivalent of good]
- from 4.41 to 4.60 - dobry plus [Polish equivalent of good plus]
- from 4.61 - bardzo dobry [Polish equivalent of very good]

4.5. The final grade: **plus dobry**

5. . INFORMATION ON THE GRADUATE'S QUALIFICATIONS

- 5.1. Access to further education:: **eligibility to apply for admission to second-cycle study programmes**
- 5.2. Possessed qualifications and professional status (if applicable): **According to the obtained diploma**

6. ADDITIONAL INFORMATION

- 6.1. Additional information, including information about completed internships and received awards. Passing the student's professional internship based on the acquired experience resulting from professional work.

- 6.2. Information sources:

*www.wwszip.pl - College of Management and Enterprise
in Wałbrzych website*

www.gov.pl/web/edukacja-i-nauka - Ministry of Science and Higher Education website

7. CERTIFICATION OF THE SUPPLEMENT

- 7.1. Date of issue: **23 March 2023**
- 7.2. Signature and name stamp of the Rector or printing of information that corresponds to data provided on the stamp:

REKTOR
WYŻSZEJ SZKOŁY
ZARZĄDZANIA I PRZEDSIĘWZIĘC
z siedzibą w Wałbrzychu

prof. dr hab. inż. Lucjan Kowalczyk

- 7.3 Official seal of the college:





8. INFORMATION ABOUT HIGHER EDUCATION IN POLAND

8.1. Access Criteria to Higher Education

The total duration of education until completion of a school enabling the candidate to take the matriculation exam is 12-15 years. Upon passing the matriculation exam, graduates receive a maturity certificate entitling them to apply for admission to higher education.

8.2. Higher Education

The principles of functioning of higher education are determined by the Act of July 20, 2018 - Law on Higher Education and Science (Journal of Laws of 2022, item 574, as amended). Public universities are established by the state authorities. Studies at universities are conducted as first-cycle studies, second-cycle studies, or uniform master's studies. Studies may be conducted as full-time or part-time studies. First-cycle full-time studies last at least 6 semesters, and if the study program includes learning outcomes enabling the acquisition of engineering competencies - at least 7 semesters. Second-cycle full-time studies last from 3 to 5 semesters. Full-time uniform master's studies last from 9 to 12 semesters. Part-time studies may last longer than the corresponding full-time studies. The qualifications obtained as a result of completing studies within higher education are assigned a level in the Polish Qualifications Framework specified in the Act of December 22, 2015, on the Integrated Qualifications System (Journal of Laws of 2020, item 226). A diploma confirming completion of first-cycle studies certifies the award of full qualifications at level 6 of the Polish Qualifications Framework. A diploma confirming completion of second-cycle studies and a diploma confirming completion of uniform master's studies certify the award of full qualifications at level 7 of the Polish Qualifications Framework.

8.3. Titles awarded to graduates of studies:

1. Bachelor, engineer, and equivalent titles: architect engineer, fire protection engineer, nursing bachelor, midwifery bachelor - awarded to graduates of first-cycle studies;
2. Master, master engineer, and equivalent titles: a) master architect engineer, master fire protection engineer, nursing master, midwifery master - awarded to graduates of second-cycle studies, b) doctor, dentist, veterinarian, pharmacy master, architect engineer master, fire protection engineer master - awarded to graduates of uniform master's studies.

8.4. Credit Points

To obtain a diploma confirming completion of first-cycle studies, a student is required to obtain at least 180 ECTS points, for second-cycle studies - at least 90 ECTS points, for uniform master's studies - at least 300 ECTS points if they last for 9 or 10 semesters, or at least 360 ECTS points if they last for 11 or 12 semesters.